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Notes:
1. Untranslatable words are replaced with asterisks (****).
2. Texts in the figures are not translated and shown as it is.

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Dictionary: Last updated 12/10/2008 / Priority: 1. Electronic engineering / 2. Business / 3. Proper nouns

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# FULL CONTENTS

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[Claim(s)]

[Claim 1] The receive section for receiving nursing operating data on radio, and the display part for displaying said nursing operating data, It consists of an input part for inputting the completion data of nursing operating operation, and a transmitting part for transmitting said completion data of nursing operating operation on radio. The mobile communications personal digital assistant characterized by a display area being established in said display part, and two or more time circles being displayed on this display area by the same mind, and making it said nursing operating data by which scheduling was carried out light up as a point on each time circle.

[Claim 2] The nursing operating database which the nursing operating data by which scheduling was carried out for every nursing operating person is stored, and is managed, The search means for searching this nursing operating database, and the transmitting means for transmitting the search results searched by this search means to said mobile communications personal digital assistant, The nursing operating support system characterized by having a receiving means to receive the completion data of nursing operating operation on radio, and a data storage means for storing the received nursing operating data in said nursing operating database.

[Claim 3] The patient basic database with which said nursing operating database stores and manages patient basic information for every patient number, The department database of a medical examination which stores and manages the department information of a medical examination for every patient number and every department of a medical examination, The medical-examination database which stores and manages medical-examination information for every department of a medical examination, every doctor in charge, and every name of a disease, The patient database in its duty which stores and manages the patient information in its duty for every doctor in charge, the doctor directions database which stores and manages doctor directions information for every patient number, and nursing which stores and manages nursing care plan information, nursing track record information, and nursing administration information for every patient number -- databases -- the nursing operating support system according to claim 2 characterized by things.

[Claim 4] The recording medium which is characterized by storing a nursing operating support system according to claim 3 and in which computer reading is possible.

[Claim 5] Nursing operating support equipment which is a computer and is characterized by having the recording medium in which computer reading according to claim 4 is possible.

[Claim 6] Nursing operating support equipment characterized by consisting of nursing operating support equipment according to claim 5 and a mobile communications personal digital assistant according to claim 1.

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[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to nursing operating support technology.
[0002]
[Description of the Prior Art] In nursing business, nursing operating pursuers, such as a nurse, are performing nursing business according to the nursing operating calendar created in advance conventionally. Nursing operating information, including the patient who should be nursed, the nursing operating person who nurses, nursing work content, a time zone, etc., is written to the nursing operating calendar. This nursing operating calendar can show who should perform what kind of nursing to which patient when. Completion of nursing business is keeping the completion report as nursing log with writing materials.
[0003]
[Problem to be solved by the invention] However, only by recording the completion report of operation on a nursing operating calendar, while accuracy is missing, superiority or inferiority occur according to the individual difference of a nursing operating pursuer in the completion report written as record. For this reason, there is a problem that nursing business is nice, and taking over was not completed, but generating of an operation failure of nursing business or delay is caused by written Mole of a completion report, an indefinite description, an ambiguous description, etc. Moreover, only by a nursing operating calendar, since there is no decisive information which identifies the patient individual who should nurse, there is a problem of being also the cause of generating of the medical malpractice by patient misconception etc.
[0004] This invention aims at offering the nursing operating support technology in which all nursing operating persons can share the same information, the medical malpractice by patient misconception etc. can be prevented in view of this situation, and generating of an operation failure of nursing business or delay can be prevented.
[0005]
[Means for solving problem] With a receive section for the mobile communications personal digital assistant of Claim 1 to receive nursing operating data on radio The display part for displaying said nursing operating data, and the input part for inputting the completion data of nursing operating operation, It consists of a transmitting part for transmitting said completion data of nursing operating operation on radio, a display area is established in said display part, two or more time circles are displayed on this display area by the same mind, and it is characterized by making it said nursing operating data by which scheduling was carried out light up as a point on each time circle. The nursing operating database which the nursing operating data with which scheduling of the nursing operating support system of Claim 2 was carried out for every nursing operating person is stored, and is managed, The search means for searching this nursing operating database, and the transmitting means for transmitting the search results searched by this search means to said mobile communications personal digital assistant, It is characterized by having a receiving means to receive the completion data of nursing operating operation on radio, and a data storage means for storing the received nursing operating

data in said nursing operating database. The nursing operating support system of Claim 3 is set to invention according to claim 2. The patient basic database with which said nursing operating database stores and manages patient basic information for every patient number, The department database of a medical examination which stores and manages the department information of a medical examination for every patient number and every department of a medical examination, The medical-examination database which stores and manages medical-examination information for every department of a medical examination, every doctor in charge, and every name of a disease, The patient database in its duty which stores and manages the patient information in its duty for every doctor in charge, the doctor directions database which stores and manages doctor directions information for every patient number, and nursing which stores and manages nursing care plan information, nursing track record information, and nursing administration information for every patient number -- databases -- it is characterized by things. The recording medium which Claim 4 can computer read is characterized by storing a nursing operating support system according to claim 3. The nursing operating support equipment of Claim 5 is a computer, and is characterized by having the recording medium in which computer reading according to claim 4 is possible. [0006] which nursing operating support equipment of Claim 6 becomes from nursing operating support equipment according to claim 5 and a mobile communications personal digital assistant according to claim 1 Since the nursing operating data by which scheduling was carried out lights up as a point on two or more time circles by the same mind according to invention of Claim 1, the nursing operating person can check at a glance when nursing business which he should perform is performed. According to invention of Claim 2, the nursing operating data which a nursing operating person should perform and by which scheduling was carried out is managed by the nursing operating database unitary for every nursing operating person. For this reason, if each nursing operating person asks the nursing operating data which he should carry out, nursing operating data will be searched with a nursing operating support system from a nursing support data base by a search means. For this reason, the nursing operating person can know the nursing operating data which should be performed on the day, and can prevent malpractice. Moreover, when each nursing operating person transmits nursing job closeout data for every nursing job closeout, in a nursing operating support system, nursing job closeout data is stored in a nursing operating database by a data storage means. Therefore, by using a nursing operating database, all the nursing operating persons can share the same information, as a result, patient misconception can be prevented, progress of nursing business can be displayed on time series, and generating of an operation failure of nursing business or delay can be prevented. According to invention of Claim 3, nursing operating information is managed in the database respectively separate as patient basic information, the department information of a medical examination, medical-examination information, the patient information in its duty, doctor directions information, and nursing information. For this reason, it is easy to manage these nursing operating information and is convenient. According to invention of Claim 4, a nursing operating support system can be read by computer. According to invention of Claim 5, a nursing operating support system can be operated. According to invention of Claim 6, the nursing operating data which a nursing operating person should perform and by which scheduling was carried out is managed by the nursing operating database unitary for every nursing operating person. For this reason, if each nursing operating person asks the nursing operating data which the nursing operating person concerned should carry out from a mobile communications personal digital assistant Nursing operating data is searched with a nursing operating support system from a nursing support data base by a search means, and this nursing operating data is transmitted to said mobile communications personal digital assistant by the transmitting means. For this reason, the nursing operating person can know the nursing operating data which should be performed on the day, and can prevent malpractice. Moreover, when each nursing operating person transmits nursing job closeout data from a mobile communications personal digital assistant for every completion of nursing operating operation, in a nursing operating support system, nursing job closeout data is stored in a nursing operating database by a data storage means. Therefore, by using a nursing operating database, all the nursing operating persons can share the same information, as a result, patient misconception can be prevented, progress of nursing business can be displayed on time series, and generating of an operation failure of nursing business or delay can be prevented.

[0007]

[Mode for carrying out the invention] Below, the embodiment of this invention is explained based on Drawings. Drawing 1 is the network diagram of the nursing operating support equipment A of this embodiment. As shown in this figure, the nursing operating support equipment A of this embodiment consists of nursing operating support equipment 1 and two or more mobile communications personal digital assistants 2.

[0008] First, nursing operating support equipment 1 is explained. Nursing operating support equipment 1 is a computer, and is the hard disk and DVD. The nursing operating support system 10 is recorded on the recording medium which a disk, CD-ROM, etc. can computer read, and it is installed in it possible [ operation ]. Each recording medium with which the nursing operating support system 10 and this were recorded and in which computer reading is possible is one embodiment of this invention like nursing operating support equipment 1. In addition, OS which operates the nursing operating support system 10 is LINUX. UNIX (registered trademark), windows(registered trademark) Me/NT / 2000/98, etc. are not limited in particular. Moreover, the programming language in particular that describes the nursing operating support system 10 is not limited HTML, XML, Perl, C, HDML, MML, JAVA (registered trademark), etc.

[0009] Below, the nursing operating support system 10 is explained in detail. Drawing 2 is the system block diagram of the nursing operating support system 10. As shown in this figure, in the nursing operating support system 10, it has the nursing operating database which stores and manages nursing operating information. as this nursing operating database -- patient basic DB1, connection taking over DB11, optimum critical path DB12, vital-signs DB13, specialty DB2, medical-examination DB3, par critical path DB31, in its duty patient DB4, and doctor directions DB5 And nursing DB6 It has.

[0010] Patient basic DB1 It is the database which stores and manages patient basic information for every patient number. as patient basic information -- a patient number and a name -- what is necessary is to fall and just to store the Japanese syllabary, sex, a birth date, age, an address, a line, obstacle information, etc. Moreover, patient basic DB1 The storing field for storing each patient's mug shot is prepared for every patient number. It is for acting as a patient whom the nursing operating person U should nurse to prevent mistakes.

[0011] Connection taking over DB11 are a database which stores and manages connection taking over information for every patient number. What is necessary is just to store the connection taking over matter etc. as connection taking over information. Patient number and patient basic DB1 of connection taking over DB11 Relation is stretched between patient numbers. For this reason, patient basic DBfrom patient number of connection taking over DB11 1 Patient basic information can be asked.

[0012] Optimum critical path DB12 are a database which stores and manages the optimum critical path information for every patient number. The optimum critical path information is schedule management information predicted from ideal hospitalization to leaving hospital. Patient number and patient basic DB1 of these optimum critical path DB12 Relation is stretched between patient numbers. For this reason, patient basic DBfrom patient number of optimum critical path DB12 1 Patient basic information can be asked.

[0013] Vital-signs DB13 are a database which stores and manages vital-signs information for every patient number. Generally vital-signs information is a measurement date, body temperature, blood pressure, a pulse, and measured value information on breathing. What is necessary is just to store a measurement date, body temperature, blood pressure, a pulse, and breathing as vital-signs information. Patient number and patient basic DB1 of these vital-signs DB13 Relation is stretched between patient numbers. For this reason, patient basic DBfrom patient number of vital-signs DB13 1 Patient basic information can be asked.

[0014] Specialty DB2 It is the database which stores and manages specialty information, including a specialty name etc., for every patient number and every specialty. This specialty DB2 Patient number and patient basic DB1 Relation is stretched between patient numbers. For this reason, specialty DB2 Patient basic DBfrom patient number 1 Patient basic information can be asked.

[0015] In its duty patient DB4 It is the database which stores and manages the patient information, including the patient number in its duty etc., in its duty for every doctor-in-charge name. The patient number in its duty and said patient basic DB1 of these in its duty patient DB4 Relation is stretched between patient numbers. For this reason, patient basic DBfrom patient number of in its duty patient DB4 in its duty 1 Patient basic information can be asked.

[0016] Moreover, par critical path DB31 are a database which stores and manages par critical path information for every name of a disease. Par critical path information is schedule information predicted from general hospitalization to leaving hospital.

[0017] Medical-examination DB3 It is the database which stores and manages medical-examination information, including the name of a disease and diagnosis, oral consultation information, etc., for every specialty and every doctor-in-charge name. This medical-examination DB3 Specialty and specialty DB2 Relation is stretched between specialties. For this reason, medical-examination DB3 Specialty DB2 from a specialty Specialty information can be asked. Moreover, medical-examination DB3 Doctor-in-charge name and in its duty patient DB4 Relation is stretched between doctor-in-charge names. For this reason, medical-examination DB3 In its duty patient DB4 from a specialty The patient information in its duty can be asked. And medical-examination DB3 Relation is stretched between the name of a disease and the name of a disease of par critical path DB31. For this reason, medical-examination DB3 Specialty DB2 from a specialty Specialty information can be asked.

[0018] Doctor directions DB5 It is the database which stores and manages doctor directions information for every patient number. What is necessary is just to store injection directions, prescription directions, inspection directions, disposal directions, operation directions, rehabilitation directions, ON leaving hospital directions, picture directions, etc. as doctor directions information. These doctor directions DB5 Patient number and in its duty patient DB4 Relation is stretched between the patient numbers in its duty. For this reason, doctor directions DB5 The patient information in its duty on in its duty patient DB4 can be asked from a patient number.

[0019] Nursing DB6 It is the database which stores and manages all a patient's acquired nursing information for every patient number. What is necessary is just to store a nursing care plan, a nursing track record, nursing administration, etc. as nursing information. This nursing DB6 Patient number and doctor directions DB5 Relation is stretched between patient numbers. For this reason, nursing DB6 Doctor directions DB5 from a patient number Doctor directions information can be asked.

[0020] Below, the program in the nursing operating support system 10 is explained. The nursing operating support system 10 is equipped with the search means 11, the transmitting means 12, the receiving means 13, and the data storage means 14 as a program. The search means 11 is a program for searching a database according to the search demand transmitted from the mobile communications personal digital assistant 2. The transmitting means 12 is a program for transmitting the search results searched by said search means 11 to the mobile communications personal digital assistant 2. The receiving means 13 is a program for receiving the nursing operating data transmitted from the mobile communications personal digital assistant 2. The data storage means 14 is a program for storing data in the record with which the database which corresponds according to the data storage demand transmitted from the mobile communications personal digital assistant 2 corresponds.

[0021] Below, the mobile communications personal digital assistant 2 is explained. Drawing 3 is the explanatory view of the mobile communications personal digital assistant 2. As shown in this figure, the mobile communications personal digital assistant 2 is a personal digital assistant in which mobile communications are possible, and since it is equipped with the communication card, on real time, communication of it is possible and it can be used anywhere. This mobile communications personal digital assistant 2 is equipped with the display part 21 and the input part 22. In addition, this mobile communications personal digital assistant 2 is 200. Weight is light at least in a gram, a size is only a postcard and what had a mobile nurse call function, and a PHS function and a DEJIKAMERA function, could display source input unitary, and is equipped with vital-signs input is desirable.

[0022] Below, the display part 21 is explained. Drawing 4 is the enlarged drawing of the display part 21. As shown in this figure, this display part 21 is constituted by the parts in which the variable display of a character and figures, such as a liquid crystal or a plasma display, is possible, and this display part 21 changes those contents of a display corresponding to the function according to a demand of a user. According to the data transmitted from the nursing operating support system 10 for servers, a corresponding place turns on this display part 21. Concentric 4-fold circle is displayed on the display part 21. The upper part of each circle, a right part, the lower part, and a left part show 3:00, 9:00, 15:00, and 21:00, respectively.

[0023] Below, the display area 31 is explained. Drawing 5 is the explanatory view of the display area 31. As shown in this figure, in the display area 31, an outermost circle is a time-axis circle of the nursing circle 41, and on this circle, the hour entry of nursing implementation recording information, vital-signs measurement, and a path etc. changes a color, form, etc. as a lighting portion 51 of a liquid crystal, and it is displayed. The 2nd circle is a time-axis circle of the comedy cull circle 42 from the outside of the maximum, and on this circle, inspection result information, picture information, drug information, etc. change a color, form, etc. as a lighting portion 51 of a liquid crystal, and are displayed. The 3rd circle is a time-axis circle of the doctor circle 43 from the outside of the maximum, and on this circle, electronic Karte information, directions information, a medical examination, view information, etc. change a color, form, etc. as a lighting portion 51 of a liquid crystal, and are displayed. The circle by the side of the innermost is a time-axis circle of the patient circle 44, and on this circle, patient basic information, medical-affairs information, and oral consultation information change a color, form, etc. as a lighting portion 51 of a liquid crystal, and it is displayed.

[0024] Moreover, it writes on one of the circles 41-44 (night shift - day shift). They are the status report of ****** and a patient, and doctor directions ([ a prescription and ]) from a nurse to a doctor. [ emergency-] Operation / schedule displays (rehabilitation, an X-ray, MRI, etc.), such as a picture and inspection, an extraordinary prescription, a doctor's order information, a pharmacy and ward information transmission, regular operating displays (vital signs, ****, disposal, intravenous drip, etc.), a regular operating display, etc. are displayed as a lighting portion 51 of a liquid crystal.

[0025] Furthermore, the internal field of the patient circle 44 by the side of the innermost is the patient mug shot display area 45 where a patient's mug shot is displayed. A patient number, a name, sex, age, a telephone number, a blood type, a taboo, a hospitalization form, a sickroom number, the name of a disease, a doctor in attendance, the nurse in charge, special affairs, a hospitalization date, a line, a leaving hospital schedule date, a connection memorandum, a hobby, allergy, etc. are displayed on this patient mug shot display area 45.

[0026] It is indicated by the circle and the display area 31 can be displayed [ whether the time (disposal is required) information which the event (action) generated, and its disposal (action) were completed or it has not completed, and ] on the circle for every classification of disposal. The concrete detailed contents are not understood in the point display for every action displayed here. Then, by clicking and choosing the portion of this point display (selection with the cursor advance by a keyboard, or a pen), concrete contents change to a circle display and a character and image display are performed on a screen. For example, the character representation of what inspection to conduct because the blink display of the required time of inspection chooses the blink portion appears. Since this display part 21 is a small personal computer screen, the circle display has not always come out and it can display an input sentence character at the time of a character input. On a circle, since the area which can be displayed is narrow, it can be used for a detailed screen if needed, changing.

[0027] Below, the input area 32 of the display part 21 is explained. The directions field of the following function is established in the input area 32. That is, the field of patient specification, data receiving, data transmission, patient information, a critical path, a nursing care plan, nurse's record, a vital-signs input, doctor directions, time specification, a secretary, a taking over matter, a photograph, and numbers 0-9 is prepared.

[0028] The directions field specified by a patient is for changing the input area 32 into the display of drawing 6 by specifying this with a pen etc. As shown in this figure, the field which can input a patient number is displayed on the input area 32. Then, the nursing operating person can input and specify a patient number. In addition, you may make it input a name of patient like drawing 7 besides a patient number.

[0029] The directions field of data receiving can receive nursing operating data from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc. The directions field of data transmission can transmit nursing job closeout data to nursing operating support equipment 1 from the mobile communications personal digital assistant 2, if this is specified with a pen etc.

[0030] The directions field of patient information is for changing the input area 32 into the display of drawing 8 , when this is specified with a pen etc. As shown in this figure, the field which can input a patient number is displayed on the input area 32. Then, the nursing operating person can input a patient's patient number, a patient name, a measurement date, body temperature, blood pressure, a pulse, breathing, height, and weight.

[0031] The directions field of a critical path can receive critical path information from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc. The directions field of a nursing care plan can receive nursing care plan information from nursing operating support equipment 1, if this is specified with a pen etc. The directions field of a vital-signs input can receive vital-signs information from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc. The directions field of nurse's record can receive nurse's record information from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc. The directions field of doctor directions can receive doctor directions information from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc.

[0032] The directions field of said time specification is for changing the input area 32 into the display of drawing 9 by specifying this by the pen or a fingertip. As shown in this figure, the field which can input nursing operating data is displayed on the input area 32. Then, the user can choose from user specification on (1) 12 hours, (2) 24 hours, (3) three days, (4) seven days, (5) 14 days, and (6) the 21st. The directions field of a memorandum can receive memorandum information from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc. The directions field of a taking over matter can receive a taking over matter from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc. The directions field of a photograph can receive photograph data from nursing operating support equipment 1 to the mobile communications personal digital assistant 2, if this is specified with a pen etc.

[0033] Below, an operation and effect of the nursing operating support equipment 1 of this embodiment are explained. Drawing 10 is the flow chart of nursing operating confirming processing. If the nursing operating person U clicks the nursing care plan button of the input area 32 in the display part 21 of the mobile communications personal digital assistant 2 as shown in drawing 4 and drawing 10 , a check demand of nursing operating information will be transmitted to nursing operating support equipment 1 from the mobile communications personal digital assistant 2. the nursing operating information which the nursing operating person U concerned should carry out by the search means 11 with nursing operating support equipment 1 -- database DB1 - DB6 from -- it is searched. It is transmitted to said mobile communications personal digital assistant 2 by the transmitting means 12, and the retrieved nursing operating information is displayed on the display part 21 as an input part 22. Nursing information, comedy cull information, doctor information, and patient information are turned on as a lighting portion 51 among this nursing operating information, respectively on the corresponding time on the nursing circle 41, the comedy cull circle 42, the doctor circle 43, and the patient circle 44. Therefore, the nursing operating person U can check the nursing operating information which he should carry out by seeing the lighting portion 51 on the display part 21 of the mobile communications personal digital assistant 2. Therefore, all nursing operating persons can share the same information, patient misconception can be prevented, progress of nursing business is displayed on time series, and the effect that generating of an operation failure of nursing business or delay can be prevented is done so.

[0034] Drawing 11 is the flow chart of the completion registration processing of nursing operating operation. If a time specification button, a patient specification button, etc. of the input area 32 of the mobile communications personal digital assistant 2 are clicked whenever the nursing operating person U completes each nursing business and the completion information of operation on nursing business is inputted as shown in this figure, the completion information of operation on this nursing business will be transmitted to nursing operating support equipment 1. With nursing operating support equipment 1, the completion information of operation on the nursing business concerned is stored in a database by the data storage means 14.

[0035] According to nursing operating support equipment of this embodiment, the effect of the following (1) - (3) is done so.

(1) The nursing operating data which the nursing operating person U should perform and by which scheduling was carried out is nursing operating database DB1 - DB6 for every nursing operating person. It is managed unitary. For this reason, if each nursing operating person U asks the nursing operating data which the nursing operating person U concerned should carry out from the mobile communications personal digital assistant 2 the nursing support system 10 -- the search means 11 -- nursing support data base DB1 - DB6 from -- nursing operating data is searched and this nursing operating data is transmitted to said mobile communications personal digital assistant 2 by the transmitting means 12. For this reason, the nursing operating person U can know the nursing operating data which should be performed on the day, and can prevent malpractice. Moreover, when each nursing operating person U transmits nursing job closeout data from the mobile communications personal digital assistant 2 for every completion of nursing operating operation, with the nursing operating support system 10, the completion data of nursing operating operation is nursing operating database DB1 - DB6 by the data storage means 14. It is stored. Therefore, nursing operating database DB1 - DB6 By using, all the nursing operating persons U can share the same information, as a result, patient misconception can be prevented, progress of nursing business can be displayed on time series, and generating of an operation failure of nursing business or delay can be prevented.

(2) since the nursing operating data by which scheduling was carried out lights up as a point by the same mind on two or more time circles 41, i.e., a nursing circle, the comedy cull circle 42, the doctor circle 43, and the patient circle 44 The nursing operating person can check at a glance when nursing business which he should perform is performed.

(3) Database DB1 with nursing operating information respectively separate as patient basic information, the department information of a medical examination, medical-examination information, the patient information in its duty, doctor directions information, and nursing information - DB6 It is managed. For this reason, it is easy to manage these nursing operating information and is convenient.

[0036]

[Effect of the Invention] Since the nursing operating data by which scheduling was carried out lights up as a point on two or more time circles by the same mind according to invention of Claim 1, the nursing operating person can check at a glance when nursing business which he should perform is performed. According to invention of Claim 2, the nursing operating data which a nursing operating person should perform and by which scheduling was carried out is managed by the nursing operating database unitary for every nursing operating person. For this reason, if each nursing operating person asks the nursing operating data which he should carry out, nursing operating data will be searched with a nursing operating support system from a nursing support data base by a search means. For this reason, the nursing operating person can know the nursing operating data which should be performed on the day, and can prevent malpractice. Moreover, when each nursing operating person transmits nursing job closeout data for every completion of nursing operating operation, in a nursing operating support system, the completion data of nursing operating operation is stored in a nursing operating database by a data storage means. Therefore, by using a nursing operating database, all the nursing operating persons can share the same information, as a result, patient misconception can be prevented, progress of nursing business can be displayed on time series, and generating of an operation failure of nursing business or delay can be prevented. According to invention of Claim 3, nursing operating information is managed in the database respectively separate as patient basic information, the department information of a medical examination, medical-examination information, the patient information in its duty, doctor directions information, and nursing information. For this reason, it is easy to manage these nursing operating information and is convenient. According to invention of Claim 4, a nursing operating support system can be read by computer. According to invention of Claim 5, a nursing operating support system can be operated. According to invention of Claim 6, the nursing operating data which a nursing operating person should perform and by which scheduling was carried out is managed by the nursing operating database unitary for every nursing operating person. For this reason, if each nursing operating person asks the nursing operating data which the nursing operating person concerned should carry out from a mobile communications personal digital assistant Nursing operating data is searched with a nursing operating support system from a nursing support data base by a search means, and this nursing operating data is transmitted to said mobile communications personal digital assistant by the transmitting means. For this reason, the nursing operating person can know the nursing operating data which should be performed on the day, and can prevent malpractice. Moreover, when each nursing operating person transmits the completion data of nursing operating operation from a mobile communications personal digital assistant for every completion of nursing operating operation, in a nursing operating support system, nursing job closeout data is stored in a nursing operating database by a data storage means. Therefore, by using a nursing operating database, all the nursing operating persons can share the same information, as a result, patient misconception can be prevented, progress of nursing business can be displayed on time series, and generating of an operation failure of nursing business or delay can be prevented.

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[Brief Description of the Drawings]

[Drawing 1] It is the network configuration figure of the nursing operating support equipment A of this embodiment.

[Drawing 2] It is the system block diagram of the nursing operating support equipment 1 of this embodiment.

[Drawing 3] It is the explanatory view of the mobile communications personal digital assistant 2.

[Drawing 4] It is the enlarged drawing of the display part 21.

[Drawing 5] It is the explanatory view of the display area 31.

[Drawing 6] It is the explanatory view of the display part 21 at the time of patient specification.

[Drawing 7] It is the explanatory view of other display parts 21 at the time of patient specification.

[Drawing 8] It is the explanatory view of the display part 21 at the time of a patient information input.

[Drawing 9] It is the explanatory view of the display part 21 at the time of time and day selection.

[Drawing 10] It is the flow chart of nursing operating confirming processing.

[Drawing 11] It is the flow chart of nursing job closeout registration processing.

[Explanations of letters or numerals]
A Nursing operating support equipment
1 Nursing Operating Support Equipment
2 Mobile Communications Personal Digital Assistant
10 Nursing Operating Support System
11 Search Means
12 Transmitting Means
13 Receiving Means
14 Data Storage Means
21 Display Part
22 Input Part
31 Display Area
32 Input Area
DB1 Patient basic database
DB2 Department database of a medical examination
DB3 Medical-examination database
DB4 The patient database in its duty
DB5 Doctor directions database
DB6 Nursing database
U Nursing operating person

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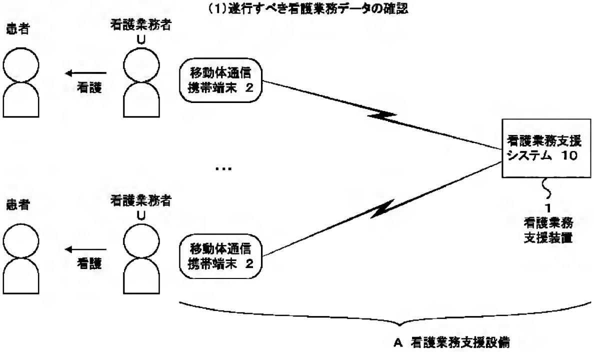
[Drawing 1]


(1)遂行すべき看護業務データの確認
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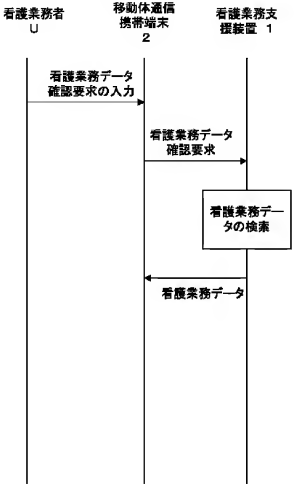
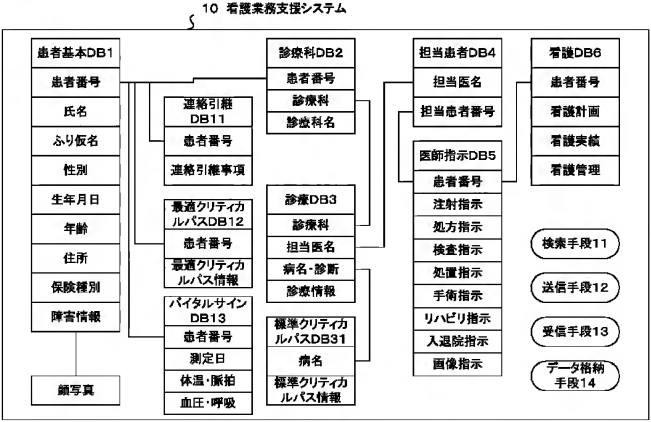
看護業務者
U
看護
移動体通信
携帯端末 2
患者
看護業務者
U
看護
移動体通信
携帯端末 2
看護業務支援
システム 10
1
看護業務
支援装置
A 看護業務支援設備

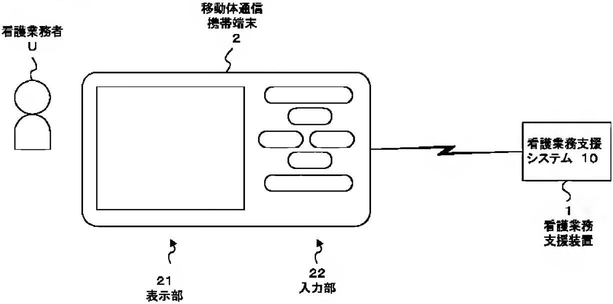
[Drawing 10]


看護業務者
U
移動体通信
携帯端末
2
看護業務支
援装置 1
看護業務データ
確認要求の入力
看護業務データ
確認要求
看護業務デー
タの検索
看護業務データ

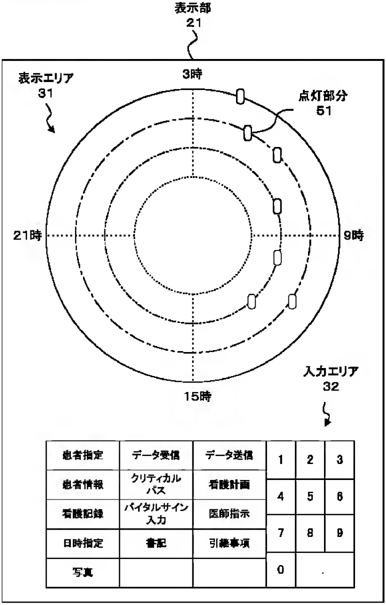
[Drawing 2]


10 看護業務支援システム
患者基本DB1
患者番号
氏名
ふり仮名
性別
生年月日
年齢
住所
保険種別
障害情報
顔写真
連絡引継DB11
患者番号
連絡引継事項
最適クリティカルパスDB12
患者番号
最適クリティカルパス情報
バイタルサインDB13
患者番号
測定日
体温・脈拍
血圧・呼吸
診療科DB2
患者番号
診療科
診療科名
診療DB3
診療科
担当医名
病名・診断
診療情報
標準クリティカルパスDB31
病名
標準クリティカルパス情報
担当患者DB4
担当医名
担当患者番号
医師指示DB5
患者番号
注射指示
処方指示
検査指示
処置指示
手術指示
リハビリ指示
入退院指示
画像指示
看護DB6
患者番号
看護計画
看護実績
看護管理
検索手段11
送信手段12
受信手段13
データ格納手段14

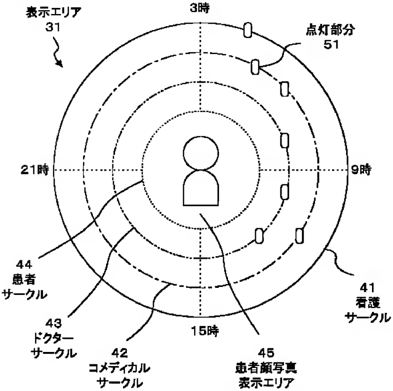
[Drawing 3]


看護業務者
U
移動体通信
携帯端末
2
看護業務支援
システム 10
1
看護業務
支援装置
21
表示部
22
入力部

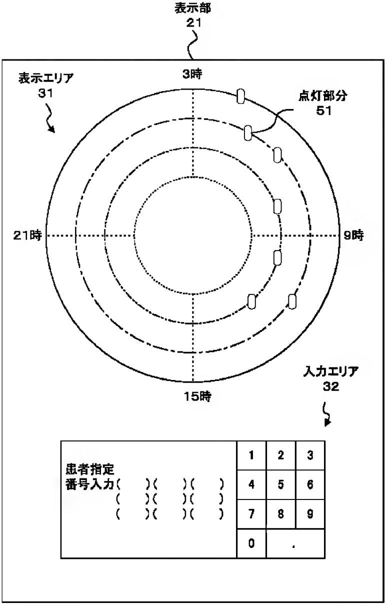
[Drawing 4]


表示部
21
表示エリア
31
3時
点灯部分
51
21時
9時
15時
入力エリア
32
患者指定
データ受信
データ送信
1
2
3
患者情報
クリティカルパス
看護計画
4
5
6
看護記録
バイタルサイン入力
医師指示
7
8
9
日時指定
書記
引継事項
写真
0
.

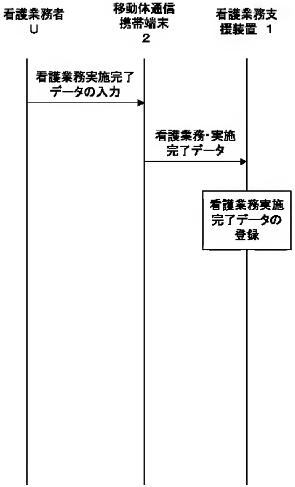
[Drawing 5]


表示エリア
31
3時
点灯部分
51
21時
9時
44
患者
サークル
43
ドクター
サークル
42
コメディカル
サークル
15時
45
患者顔写真
表示エリア
41
看護
サークル

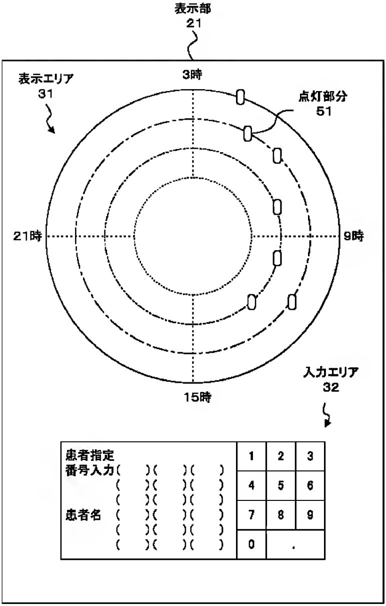
[Drawing 6]


表示部
21
表示エリア
31
3時
点灯部分
51
21時
9時
15時
入力エリア
32
患者指定
番号入力（　）（　）（　）
（　）（　）（　）
（　）（　）（　）
1
2
3
4
5
6
7
8
9
0
.

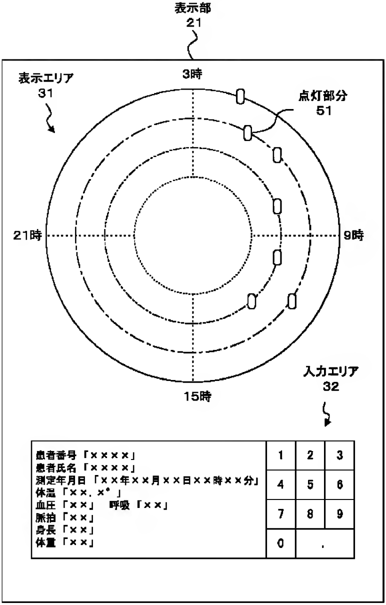
[Drawing 11]


看護業務者
U
移動体通信
携帯端末
2
看護業務支
援装置　1
看護業務実施完了
データの入力
看護業務･実施
完了データ
看護業務実施
完了データの
登録

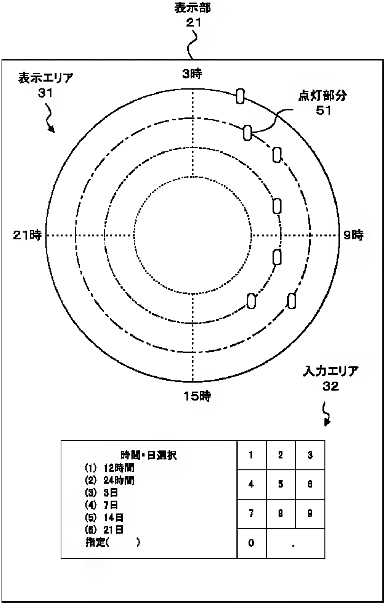
[Drawing 7]


表示部
21
表示エリア
31
3時
点灯部分
51
21時
9時
15時
入力エリア
32
患者指定
番号入力 (　)(　)(　)
(　)(　)(　)
(　)(　)(　)
患者名 (　)(　)(　)
(　)(　)(　)
(　)(　)(　)
1 2 3
4 5 6
7 8 9
0 .

[Drawing 8]


表示部
21
表示エリア
31
3時
点灯部分
51
21時
9時
15時
入力エリア
32
患者番号「××××」
患者氏名「××××」
測定年月日「××年××月××日××時××分」
体温「××.×°」
血圧「××」 呼吸「××」
脈拍「××」
身長「××」
体重「××」
1
2
3
4
5
6
7
8
9
0
.

[Drawing 9]


表示部
21
表示エリア
31
3時
点灯部分
51
21時
9時
15時
入力エリア
32
時間・日選択
(1) 12時間
(2) 24時間
(3) 3日
(4) 7日
(5) 14日
(6) 21日
指定(　　)
1
2
3
4
5
6
7
8
9
0
.

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[Translation done.]